
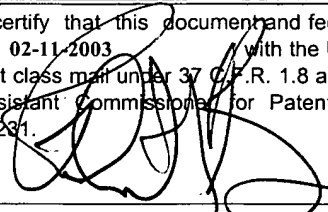


<div><div>O.I.P.E. 3763</div><div>FEB 19 2003</div><div>PATENT & TRADEMARK OFFICE</div></div>		TRANSMITTAL LETTER (General - Patent Pending)		Docket No. 112843-025	
In Re Application Of: Larrain et al.					
Serial No. 09/681,896		Filing Date June 21, 2001		Examiner M. Desanto	
				Group Art Unit 3763	
Title: MEDIUM CRACKING PRESSURE VALVE ARRANGEMENT					
<p style="text-align: center;"><u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u></p> <p>Transmitted herewith is:</p> <p>Petition for Extension of Time (duplicate); Response to Office Action (7 pgs.); check in the amount of \$410.00; and return receipt postcard.</p> <p style="text-align: right;">RECEIVED FEB 25 2003 TECHNOLOGY CENTER R3700</p> <p>in the above identified application.</p> <p><input type="checkbox"/> No additional fee is required.</p> <p><input checked="" type="checkbox"/> A check in the amount of \$410.00 is attached.</p> <p><input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> Charge the amount of</p> <p><input checked="" type="checkbox"/> Credit any overpayment.</p> <p><input checked="" type="checkbox"/> Charge any additional fee required.</p> <div> _____ Signature</div> <p>Dated: February 11, 2003</p> <p>Robert M. Barrett Reg. No. 30,142 BELL, BOYD & LLOYD LLC P.O. Box 1135 Chicago, IL 60690-1135 Phone (312) 807-4204</p> <div><div>I certify that this document and fee is being deposited on 02-11-2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</div><div> _____ Signature of Person Mailing Correspondence</div><div>Robert J. Buccieri _____ Typed or Printed Name of Person Mailing Correspondence</div></div> <p>CC:</p>					



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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3-4
#11/9

Applicant(s): Larrain et al.
Appl. No.: 09/681,896
Conf. No.: 2983
Filed: June 21, 2001
Title: MEDIUM CRACKING PRESSURE VALVE ARRANGEMENT
Art Unit: 3763
Examiner: M. Desanto
Docket No.: 112843-025

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FEB 25 2003

TECHNOLOGY CENTER R3700

Commissioner for Patents
Washington, DC 20231

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated October 7, 2002, please amend the above-identified patent application as follows:

In the Claims:

Please amend Claims 1, 7, 14, 17, and 19 as follows:

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1. (Amended) A valve arrangement suitable for use with a rotary peristaltic pump and which is capable of allowing a flow of fluid in a first direction and capable of preventing the flow of fluid in a second direction, wherein the valve arrangement comprises a valve having a cracking pressure of approximately 0.10 to about 0.20 bar wherein the valve comprises a flexible membrane which is deformable under pressure in a desired flow direction, and wherein the flexible membrane includes at least one perforation which opens at a selected extent of deformation of the flexible membrane to permit flow therethrough.

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CV
7. (Amended) A device for the administration of at least one fluid to a patient comprising:

a valve arrangement including a flexible membrane that is deformable under pressure in a desired flow direction and having a cracking pressure of approximately 0.10 to about 0.20 bar